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- (71) Applicant (for all designated States except US): PUNG KUK EDM WIRE MANUFACTURING CO., LTD [KR/KR]; 404-8, Nojang-Ri, Jundong-Myun, Yungi-Gun, Chungchungnam-Do 339-841 (KR).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): LEE, Jong-Cho [KR/KR]; 312-6, Suksu-Dong, Manan-Gu, Anyang-Si, Gyunggi-Do 430-040 (KR).
- (74) Agent: KI-RYUNG, Kim; King Road Ptlf, Suite 201, Seo-Joh Bldg., 103-15, Garwol-Dong, Yongsan-Gu, Seoul 110-602 (KR).

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(54) Title: ELECTRODE WIRE WITH MULTI-COATED LAYERS FOR ELECTRICAL DISCHARGE MACHINING AND METHOD OF MANUFACTURING THE SAME

(57) Abstract: An electrode wire with multi-coated layers for electrical discharge machining (EDM) is capable of fast and precisely machining a work piece for a desired shape without changing the electrode wire, and a method of manufacturing the electrode wire is obtained by performing the steps of manufacturing a core wire, coating the core wire with zinc, drying the coated core wire, diffusion-heat treating of the coated core wire, drawing a product from the coated core wire, and stabilization treating of the coated core wire in order.

